



SHREYES SESHASAI—THE TECH

Upperclassmen help freshmen explore their options at the Choice of Major Study Break in Next Dining on Thursday night. The event, organized by Next House RBA (Residence-Based Advising), allowed freshmen to talk with upperclassmen from departments in which they were interested. For more information, visit <http://web.mit.edu/firstyear/2011/choiceofmajor/>.

UROP Proposal System Moves to Web for All Students by Summer

By Angeline Wang
CONTRIBUTING EDITOR

In many departments, UROP research proposals can now be submitted online by students and approved online by faculty and UROP coordinators.

This change to an online system from a paper process, which has been used since UROP began in 1969, is intended to make the proposal process easier. Previously, undergraduates applying for UROPs had to submit hard copy cover sheets and proposals and obtain signatures from faculty supervisors and departmental

UROP coordinators.

Because the approval process can now be done remotely, it will be especially helpful for students and faculty who may be unable to meet in person, Associate Dean Michael Bergren said.

Christina J. Sher '08, who has a Course XVI UROP, used the new system this semester and said it was "much more efficient." "Usually, it's really inconvenient for me to try to schedule a time for the signature," Sher said.

Sher said she was not worried that the new system would lessen

her contact with her faculty supervisor but that "really depends on the student." "One of the reasons why a lot of students want to do a UROP is to get that exposure to a professor," Sher said.

The new online system is being rolled out in phases and should be in place for all departments by the summer, according to UROP Program Coordinator Melissa J. Martin-Greene. The system was piloted in January for several departments and was expanded to additional depart-

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Report Urges New Focus On Math, Problem Solving In U.S. Education System

By Tamar Lewin
THE NEW YORK TIMES

American students' math achievement is "at a mediocre level" compared with that of their peers worldwide, according to a new report by a federal panel, which recommended that schools focus on key skills that prepare students to learn algebra.

"The sharp falloff in mathematics achievement in the United States begins as students reach late middle school, where, for more and more students, algebra course

work begins," said the report of the National Mathematics Advisory Panel, appointed two years ago by President Bush. "Students who complete Algebra II are more than twice as likely to graduate from college compared to students with less mathematical preparation."

The report, adopted unanimously by the panel on Thursday and presented to Education Secretary Margaret Spellings, said that pre-kindergarten-to-eighth-grade math

Math Education, Page 12

In Short

¶ A memorial service for Robert M. Wells '08 will be held tomorrow at 2 p.m. in the MIT Chapel.

¶ The ShuttleTrack system will be replaced by a service provided by NextBus. Shuttle tracking

is currently being piloted on the Boston Daytime Shuttle and can be viewed at <http://www.nextbus.com/>.

Send news information and tips to news@the-tech.mit.edu.

News

A bloodless diabetes monitor passes a key test
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Most Undergrads Pay Less Tuition Despite Increases, MIT Says

By Elijah Jordan Turner
STAFF REPORTER

What should you make of MIT's voluminous response to the Senate Finance Committee, which asked it to explain exorbitant tuition costs in light of a sixth-in-the-nation endowment?

MIT's response makes three things very clear: first, the endowment has tripled in the past ten years; second, tuition has increased by nearly 50 percent; and finally, the average student pays less to attend MIT than he did ten years ago.

Over the past ten years, tuition has increased by an average of just over four percent each year. Tuition for the 1998–9 term cost \$24,050; for 2008–9, it will be \$36,390.

Even though tuition has increased by each year, in recent years, students have paid less to attend MIT. The average amount paid has decreased by 15 percent over ten years when adjusted for inflation, according to the report, which is available online at <http://tech.mit.edu/V128/N12/senate/>.

But tuition does not completely cover the cost of MIT: Daniel Barkowitz, director of student financial aid, said that educating an undergraduate costs about twice as much as tuition.

"The true cost of providing an MIT education to our students - 85% of whom study science or engineering - significantly exceeds the tuition revenue we receive," says the report to the Senate. For example, science and engineering educations require expensive labo-

ratory space.

According to the report, 90 percent of students received some form of financial aid, either from MIT or from other sources, in 2006–7. Barkowitz said that 42 percent of students did not receive grants from MIT last year.

The Institute's endowment, which totaled nearly \$10 billion in the past fiscal year, is ranked sixth in the country, behind Harvard, Yale, Stanford, the University of Texas system, and Princeton. The endowment's value has nearly tripled in ten years; it was just under \$3.7 billion in 1998.

Some of the rapid increase in the endowment comes from donations — over the past ten years, MIT has received about \$650 million in donations to the endowment, according to the report. The rest comes from investment returns and other sources.

Senator Charles E. Grassley, R-Iowa, the ranking member of the Senate Finance Committee, suggested in January that the Senate might require universities to spend a minimum amount of their endowments each year in order to reduce students' financial burdens. MIT has spent about five percent of its endowment each year since 1998.

The Senate's request

In January, the Senate Finance Committee sent terse letters to America's 136 richest colleges asking eleven questions about the ris-

Senate, Page 11

Joseph Weizenbaum

MIT NEWS OFFICE

Joseph Weizenbaum, professor emeritus of computer science at MIT who grew skeptical of artificial intelligence after creating a program that made many users feel like they were speaking with an empathic psychologist, died March 5 in Berlin. He was 85.

Weizenbaum, who was Jewish, fled Nazi Germany with his parents and arrived in the United States in the mid-1930s. At the beginning of his career with computers, in the early 1950s, he worked on analog computers; later, he helped design and build a digital computer at Wayne University in Detroit, Mich.

In 1955, Weizenbaum became a member of the General Electric team that designed and built the first computer system dedicated to banking operations. Among his early technical contributions were the list processing system

Weizenbaum, Page 11



ERIC SCHMIEDL—THE TECH

Shaunallynn M. Duffy '09 and Samuel E. Kronick '10 lurch down the Infinite Corridor as part of a group of zombies on the last leg of a campus tour they were giving to Center for Advanced Visual Studies artist Jenny Romaine.

WORLD & NATION

Trader Tells Prosecutors Boss Saw Illicit Deal

By Nicola Clark
THE NEW YORK TIMES

PARIS

Jerome Kerviel, the former trader at the bank Societe Generale, has told French investigators that an assistant on his desk conducted at least one large fictitious transaction last spring on their boss' computer — as the boss looked on, according to a court document obtained Thursday by The International Herald Tribune.

The testimony was an indication that Kerviel was continuing to press his claim that his superiors knew that he was amassing trades that the bank later blamed for losses of nearly 5 billion euros (\$7.1 billion).

But according to the document, the supervisor, Eric Cordelle, denied Kerviel's assertions in a hearing with investigating judges on March 6, saying that he did not even have the necessary software on his computer, the document shows.

On a second occasion, however, Cordelle admitted that he had witnessed Kerviel entering trades on the computer of a trainee and even confronted him. There was no indication that he ever followed up.

For Spitzer, Lawyers Prepare to Do Battle

By Alan Feuer
and Benjamin Weiser
THE NEW YORK TIMES

NEW YORK

As Gov. Eliot Spitzer begins the delicate dance of fending off criminal charges in the federal prostitution case that led to his resignation on Wednesday morning, he is being helped by an august legal team that blends the comforts of the familiar with an insider's understanding of power politics.

Spitzer, whose own law license could become a casualty of the case, has enlisted three partners from the distinguished Manhattan law firm Paul, Weiss, Rifkind, Wharton & Garrison, renowned for white-collar criminal defense work. He has not been charged with any crime, but has been identified as one of the clients of the Emperor's Club VIP, a high-priced online escort ring, who were caught on tape through a federal wiretap that resulted in four arrests last week.

Michele Hirshman, 49, a former top aide to Spitzer from his days as state attorney general and a friend, is in charge of the team, a spokeswoman for the law firm said Thursday. She will be assisted, as the matter goes forward, by two of the firm's heaviest legal hitters, Theodore V. Wells Jr., 57, co-chairman of the litigation department, and Mark F. Pomerantz, 56, a former chief of the criminal division for the U.S. attorney's office for the Southern District of New York, the very agency that was considering Spitzer's fate.

As Dollar Falls, Prices Rise

By Vikas Bajaj
THE NEW YORK TIMES

Almost everything seems to be going wrong for the American economy at once. People are buying less, but most things are costing more. Mortgage rates are rising, the dollar is falling and prices of key commodities like oil are leaping from one record high to the next.

On Thursday, the dollar plumbed new lows against the Japanese yen and several other major currencies; the price of an ounce of gold jumped above \$1,000 for the first time; and lenders raised home loan rates once again. Government figures showed retail sales fell in February as consumers cut back on cars, furniture and electronics.

Stocks fell sharply after the retail sales report was released early in the day, and a large investment fund said it was nearing collapse. The volatility that has defined the market lately continued unabated. The Standard & Poor's 500-stock index fell 2 percent in the morning, then rebounded partly in reaction to a report that said banks were nearing the end of subprime mortgage losses. It was up nearly 1 percent in the afternoon before paring that gain to close up 0.5 percent, to 1,315.48 points.

Policymakers Propose Stronger Mortgage Rules

By Edmund L. Andrews
THE NEW YORK TIMES

WASHINGTON

The nation's top economic policymakers, hoping to prevent a repeat of the excesses that led to the mortgage bubble and bust, on Thursday proposed a broad series of reforms aimed at tightening oversight of financial institutions.

The changes include tougher disclosure requirements for banks and Wall Street firms, a nationwide licensing system for mortgage brokers and new rules for credit rating agencies, which have been widely criticized for failing to recognize major problems with mortgage-backed securities and for having potential conflicts of interest.

"This effort is not about finding excuses or scapegoats," said Treasury Secretary Henry M. Paulson Jr., who outlined the proposals in a speech here on Thursday morning. "But poor judgment and poor market practices led to mistakes by all participants."

The recommendations were developed by the President's Working Group on Financial Markets, a group that includes the Treasury

secretary, the chairman of the Federal Reserve and the government's top financial regulators.

Paulson said the government was going to demand greater "transparency" from banks and Wall Street firms, stronger risk management and capital management and a better trading system for complex financial derivatives, such as collateralized debt obligations, that managed to transform risky subprime mortgages into securities with Triple-A ratings.

Echoing measures that congressional Democrats have been drafting, the presidential group called for tougher state and federal regulation of mortgage lenders and a nationwide set of licensing and registration standards for mortgage brokers.

That reflects a widespread criticism by many experts and policymakers, who have argued that millions of mortgages were originated by independent mortgage brokers who often had no concern about credit quality because they simply passed the mortgages to finance companies that in turn resold them to Wall Street firms and ultimately

investors around the world.

Paulson took particular aim at credit-rating agencies, such as Moody's, Standard & Poor's and Fitch, which gave Triple-A ratings to billions of dollars in mortgage-backed securities that turned out to be filled with delinquent loans.

Paulson said the rating agencies would have enforce policies about disclosing their conflicts of interest, an allusion to criticisms that the agencies were typically paid for their ratings by the investment banks who only paid once they had sold their securities to investors.

In addition, Paulson said the president's group would push the rating agencies to "clearly differentiate" between the ratings for complicated structured investment products, which investors may not have understood, and the ratings for more conventional corporate bonds and municipal securities.

Issuers of mortgage-backed securities, in turn, would be required to disclose "more granular information" about the quality of the underlying loans and their procedures for verifying the information in those loans.

Politics and Fiscal Agendas Mix in Voting on Capitol Hill

By Carl Hulse
and Robert Pear
THE NEW YORK TIMES

WASHINGTON

The House passed a \$3 trillion Democratic spending plan on Thursday as Congress engaged in a day of budget theater that had as much to do with the political bottom line as federal fiscal policy.

With three presidential candidates on hand, the Senate headed toward a final budget vote as well. Both parties seized on the annual debate over the spending blueprint as a way to shape the 2008 campaign dialogue and try to force the White House contenders into embarrassing votes or build opposition to their policy ideas.

The House voted 212-207 to approve the plan developed by Democrats that would increase spending on domestic programs like education, health care, veterans benefits and new

energy technology, while allowing some tax cuts pushed by President Bush to expire in two years.

The House defeated a Republican alternative that would have slowed spending on Medicare and other entitlement programs, permanently extended the tax cuts, invested more in military spending and put a one-year freeze on the congressional pet projects known as earmarks.

House members agreed to convene in a rare closed session to privately discuss the administration's terrorist surveillance program before a vote on Friday on a Democratic version of the spy program that President Bush opposes.

In the Senate, Sen. John McCain of Arizona, the presumptive Republican presidential nominee, hoped to cast a symbolic vote against earmarks and swooped in for the all-day budget vote-a-thon. So did the Democratic presidential rivals, Sens. Hillary Rod-

ham Clinton of New York and Barack Obama of Illinois. Those two, who also back the earmark restriction, took time for a private conversation on the floor as they and their colleagues milled about for hours while dozens of votes were taken.

The two budgets, which must be reconciled for a final vote later, are non-binding and represent no formal action on either spending or taxes. But a final budget serves as the framework for later spending and tax decisions and as a policy manifesto for the majority party.

Senate Democrats sought to quickly take the topic of tax cuts off the table. By a 99-1 vote, the Senate extended elements of Bush's cuts that apply mainly to the middle class like the \$1,000 child tax credit. But a Republican proposal to make a similar pledge on lower rates for capital gains and stock dividends was defeated, with Clinton and Obama among those opposing it.

WEATHER

Marching Storms

By Brian H. Tang
STAFF METEOROLOGIST

As if stepping to a drumbeat, storms keep catching us on the weekend. The jet stream is currently situated like a welcome mat from sea to shining sea allowing storms to quickly traverse across the country. This flow, which is known as a progressive pattern, is characterized by quick hitting but frequent storms. The first in a series of storms will come through Saturday morning giving us a light bout of rain, which will quickly clear out in the afternoon.

The second storm is actually a bigger storm, but not for us. It will pass well south of us and head out to sea where it is forecasted to blow up into quite a powerful cyclone. Earlier in the week, a couple of the forecast models were instead projecting the storm to make a pass much closer to New England bringing us perilously close to an all out raging blizzard, but to the snow weary's relief, reality is looking much more benign. At worst, we'd see a few light snow showers Sunday with strong winds Sunday night and Monday as the ocean cyclone spins up offshore.

Extended Forecast

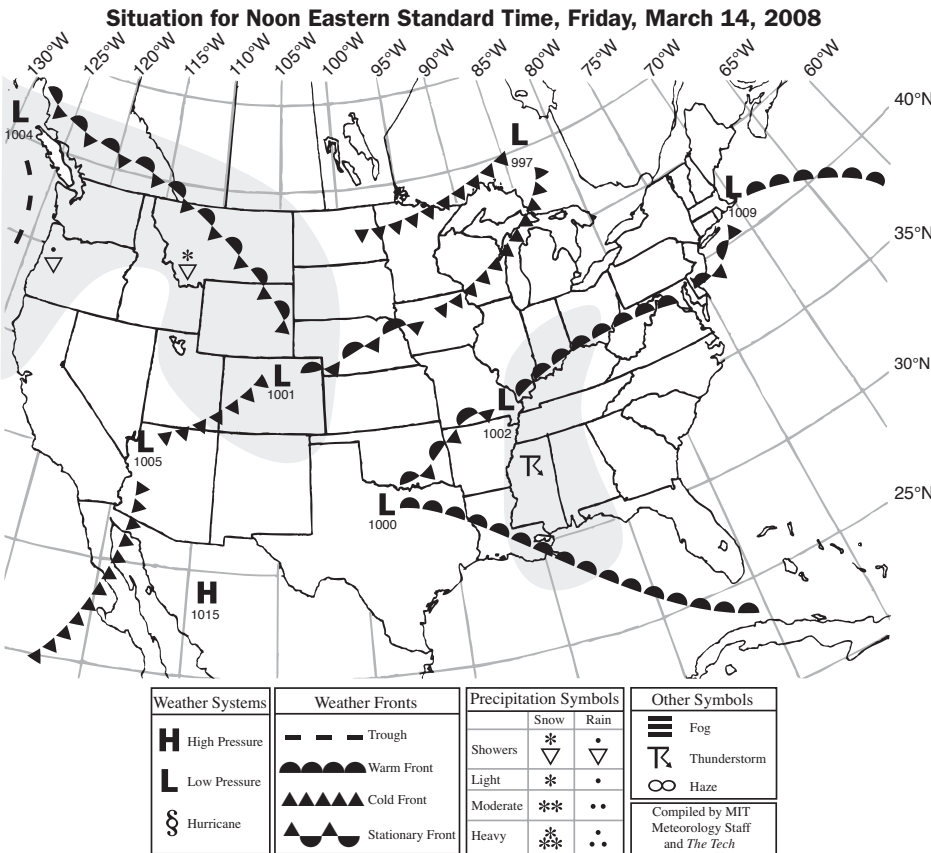
Today: Mostly cloudy. High 51°F (11°C).

Tonight: Light rain. Low 37°F (3°C).

Tomorrow: Light rain in the morning then mostly cloudy. High 43°F (6°C).

Tomorrow night: Mostly cloudy. Low 32°F (0°C).

Sunday: Cloudy with a chance of rain or snow showers. Windy late. High 40°F (4°C).



China Tightens Security on Tibetan Monks After Protest

By Jim Yardley
THE NEW YORK TIMES

BEIJING

Chinese security forces were reportedly surrounding three monasteries outside Lhasa, the Tibetan capital, on Thursday after hundreds of monks took to the streets this week in what are believed to be the largest Tibetan protests against Chinese rule in two decades.

The turmoil in Lhasa occurred at a politically delicate time for China, which is facing increasing criticism over its human rights record as it prepares to be host to the Olympic Games in August and is seeking to appear harmonious to the outside world.

Beijing has kept a tight lid on dissent before the Games. But people with grievances against the governing Communist Party have tried to promote their causes when top officials may be wary of cracking down using force.

Qin Gang, a spokesman for China's Foreign Ministry, confirmed Thursday that protests had erupted in Lhasa, but declined to provide details. He described the situation as stable.

The defiance reported this week

in Lhasa is unusual. Security there is heavy, and the penalty for protesting is harsh. News of the protests has been censored in the Chinese news media, and Beijing does not allow foreign journalists to travel to Lhasa without permission. But accounts from Tibetan advocacy groups, from the U.S.-funded Radio Free Asia and from tourists' postings on the Internet suggest that protests emerged from three of the most famous monasteries in Tibetan Buddhism.

Robert Barnett, a Tibet specialist at Columbia University who has communicated with Tibetan exiles, said the initial incident occurred Monday afternoon when about 400 monks left Drepung Loseling Monastery intending to march five miles west to the city center. Police officers stopped the march at the halfway point and arrested 50 or 60 monks.

But Barnett said the remaining monks held the equivalent of a sit-down strike and were joined by an additional 100 monks from Drepung.

The monks "were demanding specific changes on religious restrictions in the monastery," said Barnett. He said monks want the authorities

to ease rules on "patriotic education" in which monks are required to study government propaganda and write denunciations of the Dalai Lama.

On Tuesday morning, the Drepung monks apparently agreed to return to the monastery.

But another protest was under way in the heart of the city, outside the Jokhang Temple, the most sacred temple in Tibet. About a dozen monks from the Sera monastery staged a pro-independence protest, waving a Tibetan flag in front of onlookers in the crowded square outside the temple. Police officers arrested the monks. Foreign tourists posted video on the Internet of officers shooing away people.

The arrests sparked another protest on Tuesday. Witnesses told Radio Free Asia that 500 or 600 monks poured out of the Sera Monastery, about two miles north of the Jokhang Temple. They shouted slogans and demanded the release of their fellow monks.

Witnesses said that police fired tear gas to disperse the crowd.

A protest was reported Wednesday at Ganden Monastery, about 35 miles east of Lhasa.

Kidnapped Iraqi Chaldean Catholic Archbishop Found Buried

By Erica Goode
THE NEW YORK TIMES

BAGHDAD

The body of a Chaldean Catholic archbishop who was kidnapped in the northern city of Mosul last month as he drove home after afternoon Mass was discovered Thursday buried in a southeastern area of the city.

The death of Archbishop Paulos Faraj Rahho, leader of the Chaldean Catholic Church in Mosul, evoked expressions of grief and anger from the Vatican and from world leaders, including Iraq's president, Jalal Talabani.

Officials of the Chaldean Church in Iraq said they had received a call telling them where the body was buried. The cause of death was not clear. An official of the morgue in Mosul said that the archbishop, who was 65 and had health problems, including high blood pressure and diabetes, might have died of natural causes.

Church officials said Thursday, however, that Rahho was shot in the leg when he was abducted on Feb. 29. Gunmen sprayed his car with bullets, killed two bodyguards and shoved the archbishop into the trunk

of a car, the church officials said. In the darkness, he managed to pull out his cell phone and call the church, telling them not to pay a ransom for his release, they said.

"He believed that this money would not be paid for good works and would be used for killing and more evil actions," the officials said.

The archbishop's church is known in Mosul as Safina, or The Ship, but parishioners called it the Holy Spirit Church.

In Baghdad, Cardinal Emmanuel III Delly, the patriarch of the Chaldean Church in Iraq, said he was too overcome with grief to talk about the archbishop's death. But he said that the morgue had released the archbishop's body to his relatives and that a funeral would be held Friday near Mosul.

In the last few years, Mosul has been a difficult place for Christians. The archbishop's kidnapping followed a series of attacks in January on Christian churches. Last June, a priest and three companions were shot and killed in the archbishop's church. In January 2005, Archbishop George Yasilious, of another church

in Mosul, was kidnapped and later released. In October 2006, an Orthodox priest, Polis Iskander, was beheaded after he was kidnapped and attempts to ransom him failed.

The number of Chaldeans in Iraq has dropped by at least a million since the end of Saddam Hussein's dictatorship, though the Chaldeans are still the largest Christian group in the country. Priests have estimated that fewer than 500,000 Chaldean Christians remain in Iraq.

The Chaldean Church is an Eastern Rite church affiliated with the Roman Catholic Church but retaining its own customs and rites. Most Chaldeans live in the Middle East. Other Christian sects in Iraq include Assyrian Christians, Armenian Christians and Sabeans, an ancient sect.

Talabani sent condolences to the pope and to Cardinal Delly, saying he learned of the archbishop's death "with a heart filled with sadness."

He added, "The noble Iraqi Christians will keep working with their brothers from all the sects to end sectarianism and to build brotherhood and peace."

Small Businesses Struggle With Cut In Immigrant Work Force

By Katie Zezima
THE NEW YORK TIMES

HYANNIS, MASS.

For years, William Zammer Jr. has relied on 100 seasonal foreign employees to turn down beds, boil lobsters and serve cocktails at the restaurants, golf course and inn he owns on Cape Cod and in nearby Plymouth.

This summer, however, the foreign workers will not be returning, and Zammer, like other seasonal employers across the nation, is scrambling to find replacements. "It's a major crisis," he said. "We're very short on work force. We'll be looking at opening a little later, closing a little earlier, looking at how we do our menus."

Zammer is caught up in a congressional standoff over immigration reform that is punishing employers who play by the rules and that, advocates say, could cost small companies billions in lost business.

In an effort to win support for comprehensive immigration reform, the Congressional Hispanic Caucus and its allies have blocked voting on

legislation that would allow employers to rehire foreign seasonal nonagricultural workers independent of a 1991 quota.

As a result, the government is limited to issuing the 66,000 seasonal work visas set when the visa program, known as H-2B, became law — 33,000 for winter workers and 33,000 for summer workers. Last year, more than 120,000 foreign workers entered the country on H-2B visas.

For Cape Cod, the impact has been devastating: Employers will receive only 15 of the 5,000 visas they had requested, according to the Cape Cod Chamber of Commerce.

"It's just ruthless for the Hispanic caucus to do this, use it as a bargaining chip," said Zammer, whose foreign workers — mostly from Jamaica and Eastern Europe — normally make up 25 percent of his staff. "We're working at finding new people. We have to. But it's extremely difficult, because you end up stealing from other people who are also trying to get help."

Returning workers became exempt from the cap in 2005, when

Congress passed the Save Our Small and Seasonal Businesses Act, and President Bush signed it into law. The act expired in 2007, and Congress passed a one-year extension that was attached to the National Defense Authorization Act. The extension expired on Sept. 30, 2007, the end of the 2007 fiscal year.

Employers say that unless Congress acts soon, they will have to scale back operations, because the labor pool in many resort areas is not deep enough to provide new workers, and many do not want seasonal jobs.

"It's kind of sad that those who have followed the law, paid an inordinate amount of money to follow the law by paying attorney's fees, prevailing wage and following the rules, are those who are getting hurt," said Don Mooers, an immigration lawyer working with Save Small Businesses, a group of small business owners lobbying for the cap to be lifted.

"I get that question every day, 'Why are we following the law when the guy down the street isn't, and I'm the one who may face going out of business,'" Mooers said.

Paterson Sets Wheels Into Motion

By Nicholas Confessore

THE NEW YORK TIMES

With sorrow, seriousness and a dollop of humor, Lt. Gov. David A. Paterson opened his first full day as governor-in-waiting on Thursday, pledging his continued commitment to Gov. Eliot Spitzer's agenda but breaking markedly with the governor's style.

In a flurry of meetings with legislative leaders, news conferences and briefings, Paterson began aggressively laying the groundwork for when he is formally sworn in as governor on Monday.

At a news conference on Thursday morning, Paterson said he would try to govern through consensus, declined to rule out an income tax increase and then took questions from an overflow crowd of reporters.

When asked whether he, like Spitzer, had ever patronized a prostitute, Paterson could not suppress his trademark dagger wit.

He paused, gave a sly smile, and answered, "Only the lobbyists."

The tone Paterson set in his appearances was the most marked shift from Spitzer, who favored stern and high-flying oratory over self-deprecating humor.

"I kind of feel like the student who's getting ready for the final exam but they didn't attend any classes," Paterson conceded Thursday morning in a radio interview broadcast from the Capitol.

In his remarks to reporters, Paterson signaled that he would remain committed to most of Spitzer's priorities, including the broad outlines of the governor's budget plan, a push for more restrictions on campaign donations and a \$1 billion public investment fund to invigorate the upstate economy.

"I promised the governor yesterday that I would commit myself to the people of this great state, that we would have stability and continuity in those challenges that lie ahead," said Paterson, a Democrat, at the news conference.

Unlike Spitzer, Paterson, who has favored tax increases on the wealthy in the past, did not rule out raising taxes to balance the budget for the next fiscal year, which begins April 1. The Assembly is pushing for a measure that would increase taxes on those earning more than \$1 million to 7.7 percent from 6.85 percent. Briefly addressing Spitzer's future, Paterson, 53, said he considered the governor a close friend, adding, "In my heart I feel he has suffered enough." He acknowledged that some people might feel that prosecutors should pursue criminal charges against Spitzer.

The Dollar Reaches New Lows

By Steven R. Weisman

THE NEW YORK TIMES

WASHINGTON

How low can the dollar go?

Battered by bad news and mounting fears over the U.S. economy, the dollar plumbed new depths on Thursday, helping drive oil prices up to record levels.

The greenback traded at a new low of \$1.56 against the euro, while oil prices closed at \$110 a barrel. Early in the day, the dollar sank below 100 Japanese yen for the first time since 1995, but it ended the day slightly above that milestone.

The dollar has been declining in value against the euro and several other currencies since 2002, slamming travelers to Europe and American consumers purchasing European goods. Politicians are deploring the weak dollar as a sign of American economic decline and influence.

To make matters worse, many economists say that the problems of a sagging dollar are feeding off each other. As the dollar weakens, holders of dollars, especially those overseas, are aiming for better returns on their assets by diversifying their portfolios toward other currencies, sending the dollar into further decline.

AOL Buys No. 3 Social Networking Site

By Brian Stelter

THE NEW YORK TIMES

Bebo lacks the hundred million friends of MySpace and the charmed social status of Facebook. But it is the third most popular social networking Web site in the United States and, to the besieged Internet company AOL, it is worth \$850 million.

AOL, a subsidiary of Time Warner, said Thursday that it would acquire Bebo and integrate the site with its popular AOL Instant Messenger (AIM), jump-starting AOL's social networking strategy.

The chief executive of AOL, Randy Falco, called the deal a game-changer for the company, which has struggled to move from an Internet access business to an advertising-supported model. AOL has spent more than \$1 billion to acquire the pieces for an advertising division called Platform A that would probably be used on Bebo.

Social networking sites — enabling online connections between friends, family and colleagues — are seen as a growing source of revenue for media companies, although making money has not been easy. The News Corp. purchased MySpace in 2005 for \$580 million. Microsoft paid \$240 million for 1.6 percent of Facebook in October.

In Lagging Haiti, First Lady Finds Optimism

By Marc Lacey

THE NEW YORK TIMES

PORT-AU-PRINCE, HAITI

Most Haitians are unemployed, but the first lady, Laura Bush, spoke to some of the fortunate few who do have jobs here in the poorest country in the hemisphere during her visit Thursday.

The trip was aimed at putting a positive face on some of the country's social ills and highlighting what the Bush administration considers its success in helping to jump-start Haiti.

A young man who had dropped out of school told Bush how he had learned to repair automobile fuel systems through an American-supported jobs program and now earned a living wage. Several women who have received microloans talked about the small businesses that they had managed to build. Along the motorcade route, however, were thousands of jobless Haitians.

The first lady heard a classroom of barely literate teenagers in one of the capital's poor neighborhoods reciting a Creole phrase meaning "I can read and write." But that is true for only about half of Haiti's population.

Bush, who stopped briefly in Haiti on her way to Mexico, also met with youngsters who had been infected with HIV, the virus that causes AIDS, but were receiving treatment and training.

OPINION

Letters To The Editor



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The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139. Subscriptions are \$45.00 per year (third class) and \$105.00 (first class). **POSTMASTER:** Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. **TELEPHONE:** Editorial: (617) 253-1541. Business: (617) 258-8324. Facsimile: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 2008 *The Tech*. Printed on recycled paper by Charles River Publishing.

Suicide Implications Insensitive

This letter is in response to The Tech's March 4 article on the death of Robert M. Wells '08:

In the article reporting Rob Wells's death, *The Tech* quoted from an essay Rob wrote in my Writing and Experience class during his freshman year on his having suffered from bipolar disorder and depression. While the essay is posted in the online magazine *Culture Shock!*, which was the class project and thus is available for anyone to read, your quoting it in the first column of your news report impressed me as having been motivated by the desire to raise the possibility that Rob's death was not accidental. I found it to be an egregious and unfortunate example of sensationalist journalism — prevalent in the newspapers of today, yes, but I would like to think MIT students are above the fray in such delicate matters. Reading the article made me feel more intense sympathy for Rob's family, who, it seems to me,

have already suffered enough.

Rebecca Blevins Faery
Director of First Year Writing
Editor's Note: The Tech stands by its reporting.

Letter to the Community

Over the past weeks we have lost several members of the MIT family. Robert Wells died in a fall from his place of residence. J. Mark Schuster Professor of urban studies and planning lost a valiant battle with cancer. We said good-bye to emeritus faculty Louis Menand of political science and Frances Reintjes of electrical engineering.

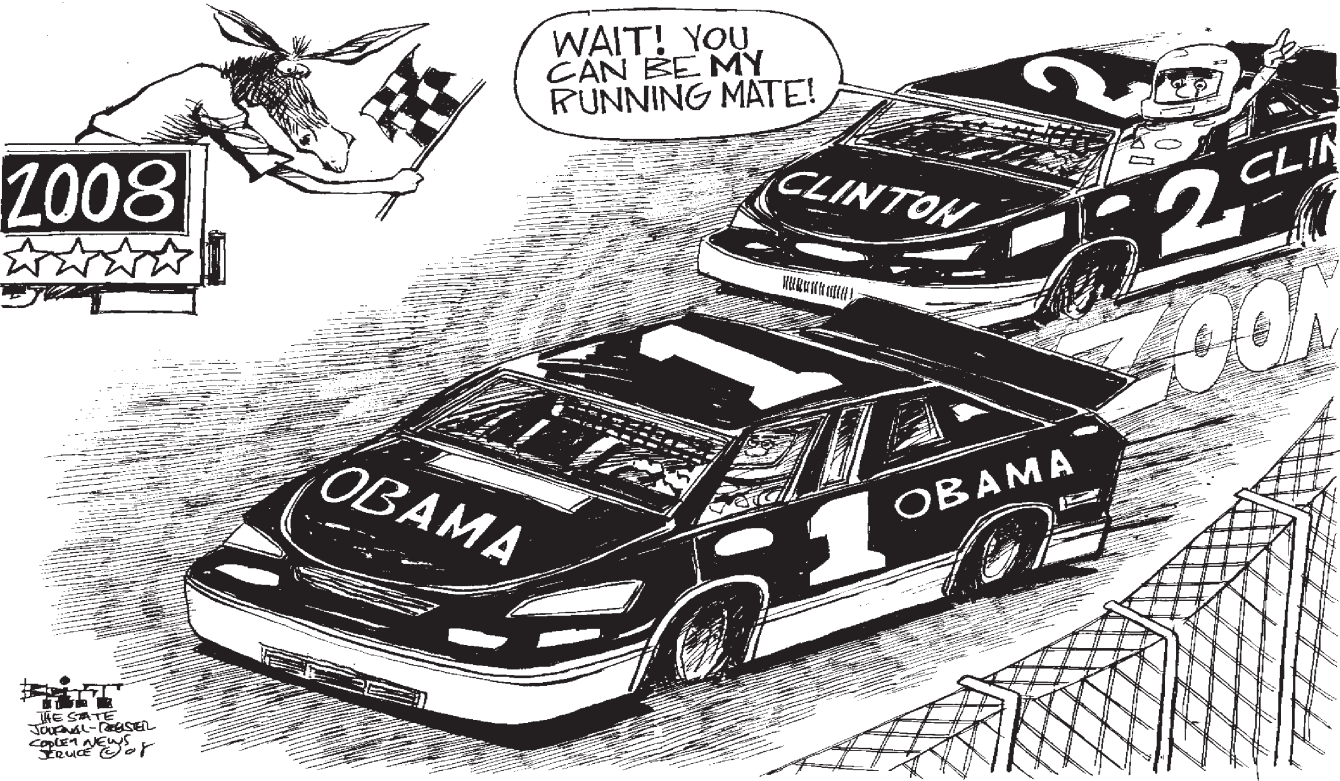
At one level this is the natural order of things. At another, death always comes too soon. What we are reminded of, however, is that we are bound together in a shared enterprise. We are all touched by loss no matter whom, no matter when, and no matter why.

Our thoughts and prayers are with the families who have suffered loss. Members of the Delta Upsilon fraternity traveled to be with Robert's family at a service in New York. Later this week and next month we will celebrate their lives. This is as it should be.

As the same time, our community is also blessed. On March 6, Prof. David Mindell and his wife Pamela, Housemasters in Edgerton Hall welcomed Lucia Flora Mindell to their family and we welcome her to ours; we celebrate with them.

Sunday morning our clocks turned forward, the sun stays with us later in the day, and prospects of spring seem more real. Let us all find new energy for our work together, and for the ties of friendship and family that knit our community ever tighter. With time healing will come, but as the days pass let us resolve to be better friends, colleagues, workers and companions. The ties that bind us are wonderfully strong and should be celebrated each day.

Robert M. Randolph
Chaplain to the Institute



Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of Chairman Benjamin P. Gleitzman, Editor in Chief Nick Semenkovich, Managing Editor Jessica Witchley, Opinion Editor Aditya Kohli, and Contributing Editor Rosa Cao.

Dissents are the opinions of signed members of the editorial board choosing to publish their disagreement with the editorial.

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Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become

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Guest columns are opinion articles submitted by members of the MIT or local community and have the author's name in italics. Columns without italics are written by *Tech* staff.

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IT'S FRIDAY

Brought to you by CAMPUS LIFE

The Tech, March 14, 2008, Page 5

Back to Basics

By Manisha Padi and Ying Yang

With all the shopping we've done for Figuring Out Fashion, we found ourselves with a new trouble — waking up in the morning, staggering in a daze to get dressed, and finding so many choices, colors, and styles that we would just throw on the first thing we could see. We quickly realized we needed to simplify our morning routine by building a base of, well, basics. Comfortable clothes that always look put together without much effort. Here's the list we came up with:

1) White button-down shirt

Ladies, look for a more feminine fit, cinched at the waist. Guys, find the right fit by making sure that shoulder seams are actually lying on the shoulders. Both genders should absolutely experiment with unobtrusive details and textures. Embroidered embellishment or unobtrusive stripes add interest while different material weights add versatility. Thin materials mean a casual look, while heavy fabrics are structured to hide flaws and look professional. Wear it buttoned under a suit or fitted sweater for a professional look, or unbuttoned with dark jeans, over a colorful top.

2) Dark neutral sweater

Go for a soft, touchable fabric that keeps you warm (though cashmere is ideal, acrylic and wool are better fits for college student budgets). Ladies, experiment with buttoned cardigans as a layering option, but be careful to find the right fit. Guys, again, watch the shoulder seams. Buying ill-fitting clothes just make you look disproportional, not bigger or smaller.

3) A formal outfit

Guys, this means investing in a great pair of slacks and a collared shirt. Get the slacks tailored if their length isn't perfect — both socks and trailing hems are a turnoff. Ladies, find a great dress for all occasions. This doesn't just mean a black dress: contrary to popular

thought, any color will do as long as the length and bust coverage are fairly modest and the fit is flattering. This means that for those of us who have any bodily flaws, stay away from silky fabrics

Figuring Out Fashion

this staple.

4) A scarf

This is a basic Boston accessory both because of warmth and versatility. Guys should stick to traditional colors with patterns added for interest. Go for colors matching your outerwear. Girls, try playing around with interesting fabrics (silky, sheer) and colors (brights, pastels, and patterns) to add pop to an outfit.

5) A sexy pair of jeans that's comfortable

With jeans, fit is everything. Look for styles that don't pinch in odd places or sag, well, anywhere. Super extra incredible low-rises don't look good on anyone, so make sure you can bend over with no worries (this goes for guys too). Guys should look for the exact length of their leg, while girls can go a bit longer for versatility in shoe height. Dark styles are more slimming.

6) Bright but comfy T-shirts

This means not having to sacrifice comfort, convenience, and cash in order to look good. T-shirts are always cheaper than more elaborate shirts and are always suitable for class. Just look for the right fit and find interesting screen prints and colors so that you won't look boring even if you layer it under a bunch of neutrals.

7) Comfy pair of good looking shoes

Ladies, this means flats. Look for a bow or buckle for detailing. Guys, think loafers or lace up shoes in either brown or black. Choose by matching your coat.

8) A big bag for girls and a wallet for guys

For men who carry wallets in their pockets, three- and five-fold wallets are often too bulky. A tip: if you put a full, 3-5 fold wallet in your pocket and it doesn't show, your pants are too loose. Try a two fold wallet or a card case/money clip combo for a sleeker look. Girls, take a textbook or two to the store when shopping for a bag and make sure they fit easily inside and the bag doesn't seem to be straining from the weight. Even if you never choose to carry your books to class in a purse, being able to fit them is a plus if you'll ever have to wait in line or take a laptop or files to an interview or other backpack-free function.

9) A good scent

All of us who have overslept for an exam understand the importance of this item ...

10) Your signature outfit

Have fun with this. Think somewhat semiformal/nice dinner to get the most versatile look. The most important part in choosing this piece, however, is peer review. No matter how much you like an outfit, if everyone around you thinks it's ugly, it won't really do its job. Ask for a lot of opinions in the dressing room, and go for expressing your personal style. When you find it, take great care of it (dry clean if necessary) so that it doesn't lose its color or fit, and reach for it every time you're in a pinch.

Ask A TA

This week features a fairly serious question that I think many of us have had to contemplate before. While normally we pride ourselves on answering questions we're absolutely unqualified to handle, this week actually features knowledgeable answers from experienced TAs. As always, if you have any questions, e-mail us at AskaTA@tech.mit.edu.

—AskaTA

To AskaTA@tech.mit.edu:

Dear AskaTA,

Situation:

It's the worst academic week ever. A million things are due plus tests. You're stressed, broke, and hungry. You're scrambling for change to get an energy drink. You're checking out of LaVerde's and someone takes the opportunity that the cashier is distracted to walk out with a red bull. You look at them and you can see them looking at you from the corner of their eye. *Next:* After staying up all night finishing all the work due that day, you have two hours to study for the test you have in the afternoon. You're not ready for the test. You get to the test late and sit in the back and during the test you keep hearing people whisper back and forth.

Do you join in on the trend?

But seriously, what do you do in a situations like this?

—Not The Best Person Either

Dear Not The Best Person Either,

You should not join in. Ultimately, the purpose of a test is to give you accurate feedback on your mastery of the material, and getting information from others will make it impossible for you or us to accurately gauge your understanding. The purpose of taking the class is to learn, and if the reason that you are not doing well is that you have no time to dedicate to the class, then it defeats the purpose to spend time going to lectures and sitting in at tests; the best plan would be to drop the class and take it next semester. In terms of the en masse cheating that you describe, my guess is that not everyone by chance didn't have time to study. It seems more likely to me that the class is improperly paced, or that the lectures aren't

clear. Remember that we the teaching staff also use your grades to evaluate our own performances. If we rushed through material during lecture and did a bad job of preparing for recitation, and then everybody gets an A on the test, we will assume that our own sloppy jobs were sufficient, even outstanding, and we will probably do an even worse job next year. So by cheating, you would be helping to ensure that next year's kids don't learn anything either.

You are not responsible for the conduct of your classmates, but you are responsible for your own. MIT has a lot of resources for students who are having trouble, and my experience as a TA tells me that the drop date is among the most underutilized. If you are overworked, consider taking a lighter course load. If the class is just really hard, then use all of the resources that are available to you to focus your efforts on the areas that you are having difficulty. These include tests, pssets, lectures, recitations, tutorials, office hours, labs, pssets and practice tests from previous years when available, tutors, and in some situations, psychological services like from MIT medical (<http://web.mit.edu/medical/services/s-mentalhealth.html>) or Nightline. But remember that you are here to learn, and that the requirements of your classes are designed to facilitate that. Don't reduce their efficacy by tampering with their results.

—TA Dr. Graham Ruby

Dear Not The Best Person Either,

In general, you propose a difficult problem — what does one do when witnessing a violation of ethics such as an infringement of school policy or one that flat out breaks the law. Here the dilemma is somewhat analogous to “whistle blowing” in an industrial setting. Specifically, one holds private information pertaining to a problem within their company, and is unsure whether or not to make this information public. For an engineer, one should explore all avenues to settle the problem internally. However, in some cases, the company will ignore the engineer. In these cases, the engineer's duty to society overrides their company loyalty. In the event that the company's choices lead to public endangerment, the engineer is required to blow their hypothetical whistle. The real difficulty arises when the ethical choice is not cut-and-dry or when there is undue stress such as a rough academic week. As a result, engineers have adopted a general set of guidelines routed in the philosophy of ethics.

Do you join in on the trend?

Most of these ethical guidelines, especially the views by Kant, scream, “do not join in.”

What do you do in a situation like this?

Here the ethical conduct is not obvious and can vary depending on ones personal morals. From an engineering perspective, the events witnessed do not threaten the civilian population and therefore it's probably not wise to pull out the foghorns and call campus police or the dean.

—TA Dave Shirokoff G

Overheard at MIT

“Caffeine's like radiation: in small doses, it's good for you. I bet there's a parabola of benefits versus consumption...” —Unknown

“Are you doing anything for Smoot's birthday?”
“Duh.”

—Overheard conversation about Smoot

“Today was a good day.”
“Yeah?”
“Yeah. I went outside.”
“Nice.”

—Overheard in the student center

WMBR Top Five 5th Symphonies

1. Jean Sibelius's Symphony no. 5
 2. Glenn Branca's Symphony no. 5 (Describing Planes of an Expanding Hypersphere)
 3. Gustav Mahler's Symphony no. 5
 4. Hans Werner Henze's Symphony no. 5
 5. Ludwig van Beethoven's Symphony no. 5
- Honorable Mentions: Carl Nielsen's Symphony no. 5, Charles Ives's Universe Symphony (in theory), and Olivier Messaien's Turangalila Symphony played five times in a row.

Wake up Friday mornings and turn on WMBR 88.1 FM to hear classical music from the last 100 or so years. It's a respectable and enjoyable hobby, and listening to long-form music (which is by no means limited to classical music) can encourage you to become more patient and thoughtful. Make some oatmeal, look out the window, and consider how many years of life you have in front of you. You will be old soon. Why not get a head start at listening to old people's music? Then you'll be 50 years ahead of the game and establish clear primacy over your latecomer friends. In the far future they'll say, “hey, Maude and Walter and I are going over to the opera tonight, after bingo,” and you'll just be all like, “whatever, posers.”

DJ name: Chris M.

Show name: The Land of Sand and Birds

Show description: 20th century classical music and other related ethnic music of Western civilization

Time slot: Friday mornings from 6–8 a.m.

Evan Chan '08 is wearing a white button-down shirt and jeans from Express (\$40 and \$60 respectively), shoes from Ecco (\$80), and watch from Kenneth Cole (\$90). Why we like his look: Chan is wearing four things from our list of basics, and his comfortable look is definitely something that can be worn to class or to dinner.

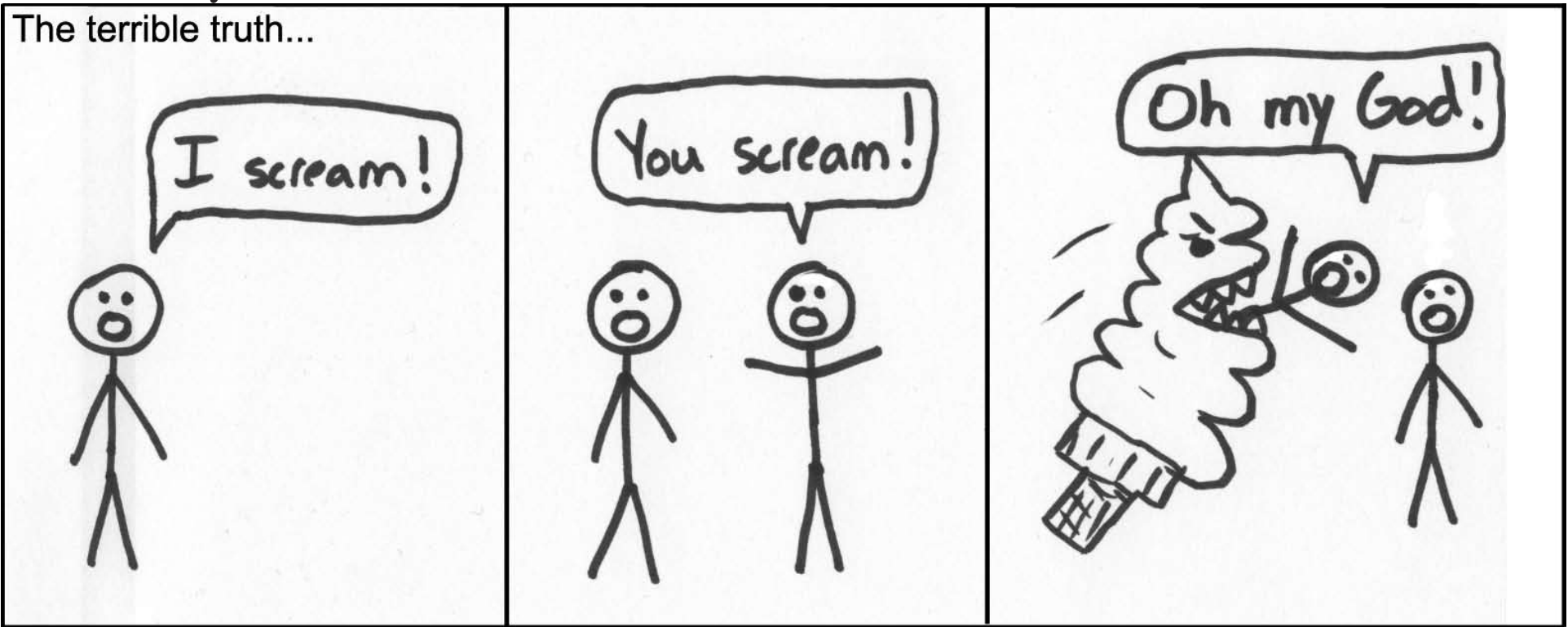
YING YANG

Campus Stylewatch

wmbr
88.1fm

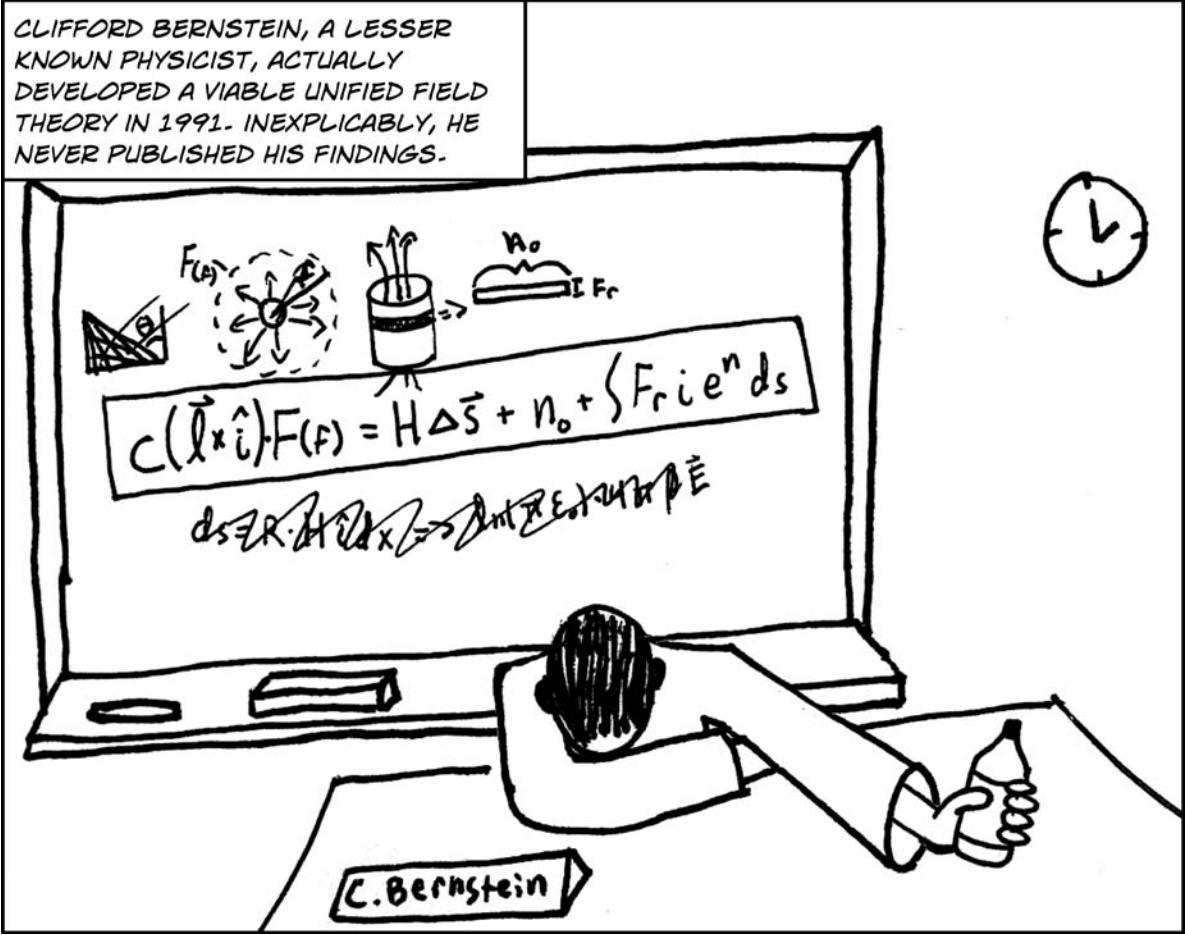
The Daily Blunderbuss

by Ben Peters



Steal My Comic

by Michael Ciuffo



su | do | ku

© Puzzles by Pappocom

7		2	5				4	
		6	7		9			2
				8				
			1				9	
	4			3			8	
	1				7			
				2				
9			3		5	6		
	3				6	8		9

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.
Solution, tips, and computer program at <http://www.sudoku.com>; see also solution, page 14.

Crossword Puzzle

Solution, page 14

ACROSS

- 1 Donkey call
5 Sailed through
9 Holland sights
14 Bit of dialogue
15 Curly cabbage
16 Gothic arch
17 Filly feed
18 ___ of March
19 Montgomerie of the PGA
20 Temperature regulators
23 Islands off Galway
24 Black goo
25 Vane dir.
26 Premarital posting
29 Polish-born French composer
32 Pub quaff
33 Tiny veggie
34 Madden
38 Meteorologist's

concern

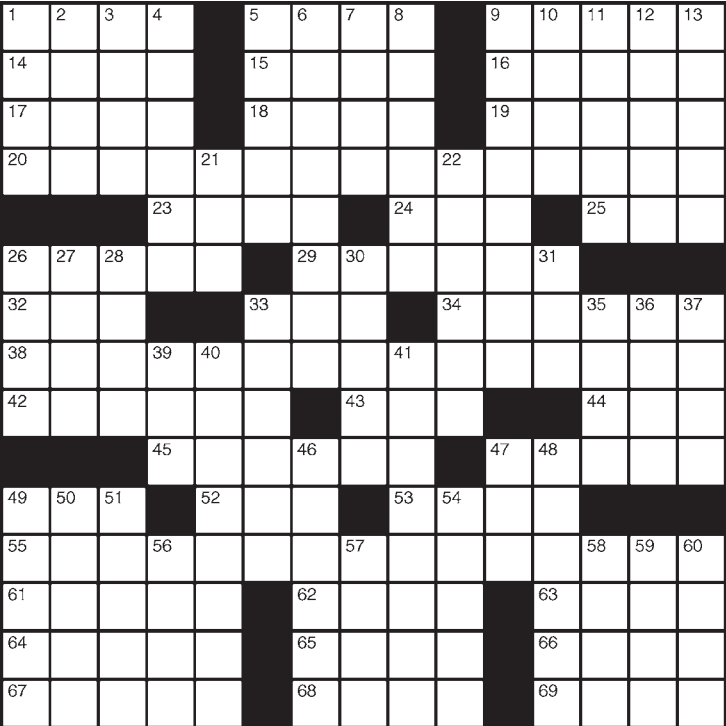
- 42 Luminous trail in the sky
43 Even one
44 Boastful talk
45 Indicates the way
47 Stop a rocket shot
49 Hurler's stat
52 Half a fly?
53 Swiss stream
55 Winter index figure
61 Samantha of "The Collector"
62 Conductor Riccardo
63 Bohemian
64 Horned charger
65 Bosox or Chisox player
66 Dieter's word
67 Much inclined
68 Stark naked
69 Cattle calls

DOWN

- 1 Voting group
2 Money of Iran
3 Body or knock lead-in
4 Toady
5 Japanese dog
6 Marchers' beats
7 Part of G.E.
8 1539 Florida visitor
9 Statement of policy
10 "Prince ___"
11 Metric weights, briefly
12 Bad deeds
13 Intuit
21 "___ Poetica"
22 Table linen
26 ___ of Gilead
27 ___ vera
28 Salamander
30 Attacks
31 Gun owners'

lobby

- 33 ___ the thought!
35 Jason's craft
36 Stick-shift selection
37 Bridge hand
39 Zip
40 Turnips or beets, e.g.
41 Like some chips
46 ___-Marcus
47 Coach Parseghian
48 Tranquilize
49 Pitchers
50 Correct
51 Rolling Stones hit
54 Burning
56 Laertes or Hamlet, e.g.
57 Real lollapalooza
58 Small singing group
59 Bart's bus driver
60 Deli loaves



Doonesbury
BY GARRY TRUDEAU

Dilbert® by Scott Adams

“Words + WORDS, Words”
Creative Spellings

by Philip Engel

Donuts and
Coffee Cups

ACROSS

- 1 Believe
2 Arises
4 Is no longer
5 Took over, as a test
6 Opposite of apex
7 Mexican girl
10 Ms. Q.
12 Malaria medicine
14 H
15 _____ Gay
17 Consume
18 Gene inhibition mechanism (abbr.)
19 Sprint
21 Persian
23 Trim and chic
26 “Ed, _____, and Eddy”
28 Marx’s ending
29 Nuclear material
32 Operating system
34 Legally petition
35 Gupta’s MIT
37 Tired
39 Building block
41 Hitler’s big mistake
44 Indian sea bird
45 Massless (?) particle
47 Throat clearing noise
49 South American city
51 Carpe _____
52 Un-dead?
54 Neighbor of Saudi Arabia
56 One-sided strip
58 Thrash
59 Stone and Iron, e.g.
60 Male friend, slangily
61 Throw

- 62 Not coarse
63 Owns
66 First Reich (abbr.)
67 Raisin _____
68 Reverberate
69 Region
70 Ten-foot-high goals
72 Cologne woman
73 Actor Sharif
74 Beginning of a circular novel
79 Sign
80 They justify means
81 Term of endearment
82 Internet phone
83 78 Down garde
84 It can be black or green
85 Effaced (with out)
86 Sagan or Jung
87 Island of exile
88 American Big Brother org.
89 Far prefix
91 All men but Adam
92 Thought
94 Where one finds a hero
96 What one does with a hero
98 1.5 fluid ounces
99 Singer Bing
99 Get hitched
102 Steak sauce
104 MIT photographer
106 Feathery apparel
109 Envelop
111 First mate’s response
112 Sonnet’s rhythm
114 Soda
116 Less friendly
118 Gender (abbr.)
119 Not present (abbr.)
120 Double bond suffix

- 122 Type of moss
124 Corn wrappers
126 Penny
127 Measure of country’s wealth
128 French lake
130 Place upright
132 Small child
133 Mexican money
135 Kind of vector or value
137 Invigorate
139 Shoe-box project
141 Beam bender
143 Old saying
145 Letter starters
146 Voice-_____

DOWN

- 3 Mac _____
8 119 Across prefix
9 “Oh well.”
11 Electrocute
13 Where to find paneer
16 “_____ partridge...”
19 Circle
20 Between E and S in ESL
22 Jot
24 Apply friction
25 Product of lachrymation
27 Shape of this puzzle
29 Tabor, e.g.
30 Type of joke
31 Taj Majal locale
33 London district
36
37 Nerd
38 Poisonous lizard, with monster
40 Lipids can form one
42 Edge
43 Military training
45 Kind
46 Supervise
48 Pillage
50 Therm beginner

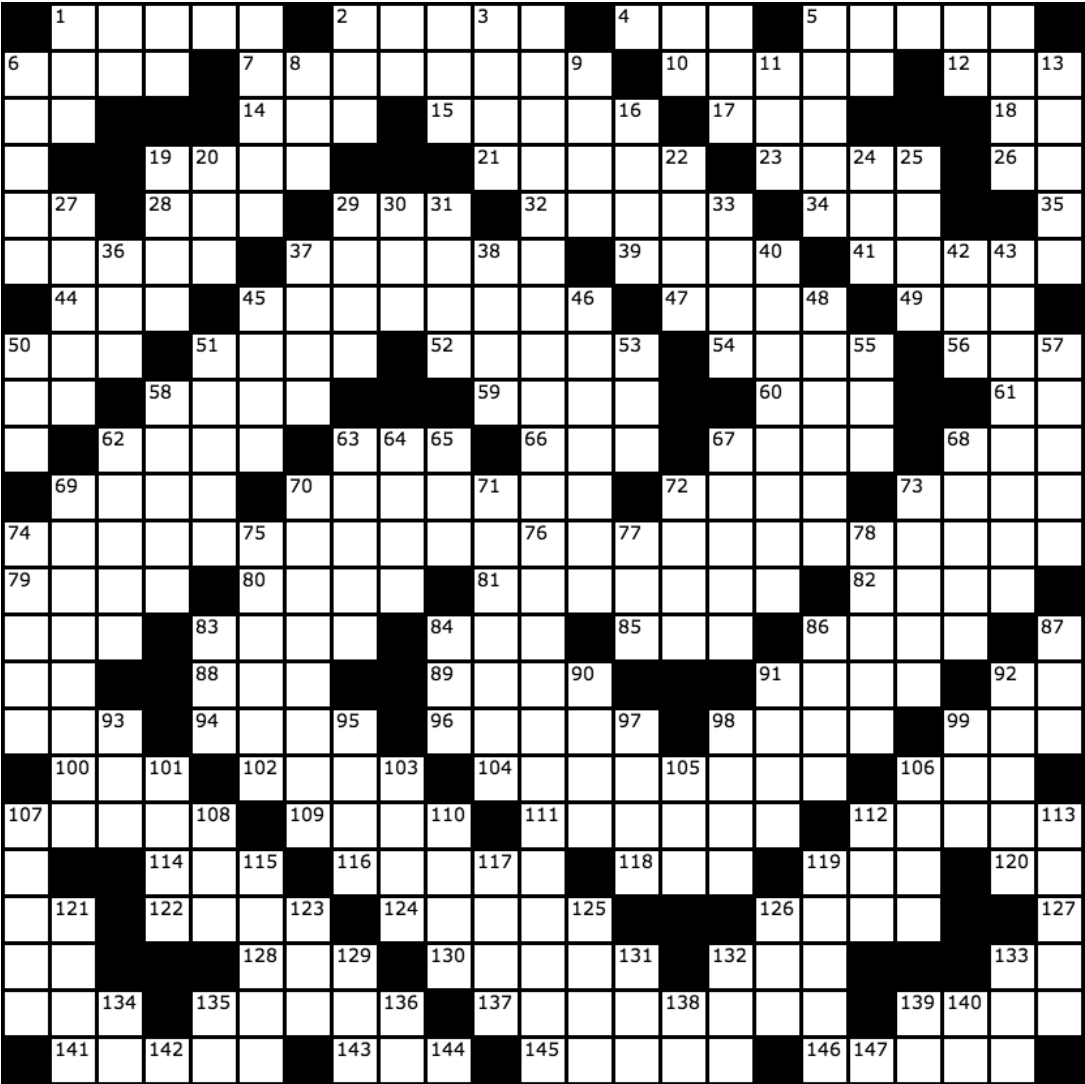
- 51 Restaurant with booths
53 Japan or Taiwan ending
55 Persona _____ grata
57 Niels and Harald
58 Flax cloth
62 Cone location
63 Easily available
64 Nile snakes
65 Reggae precursor
67 Intertwine
68 Electronic communication
69 Victoria Falls country

- 70 Beachside shack
71 Marrow
72 Party
73 Doors anagram
74 Acting parts
75 Parted body of water
76 Beginning of a circular story
77 Anger
78 See 83 Across
83 Finish
84 “_____ the season...”
86 Furry garbage eater
87 Tokyo, long ago
90 Indulgent revel

- 91 Soleful object?
92 Angry
93 Despite this
95 Cross inscription
97 Charges
98 River down below
99 Trick
101 Actor Johnny
103 A pop
105 Norma _____
106 Rhythm
107 High-IQ society
108 Fish eggs
110 Pope name
112 Blame
113 Rage
115 Reused parchment
117 From Mexico City to Yucatan
119 Falling rocks
121 Ruins near Vesuvius
123 Children’s

- running game
125 Old dagger
126 Kinsman, for short
129 Aircraft manufacturer
131 Tie
132 Clump of like cells
133 Stance
134 Samus _____
135 Charge in CGS
136 Military org.
138 Dijon fat
139 Cleric Tutu, briefly
140 Modern Mesopotamia
142 Resident of (suffix)
144 Used to be
147 Lambda, upside down

Solution on page 14.



ARTS

INTERVIEW

MIT, Vegas, Hollywood
A Conversation With Ben Mezrich and Jeffrey Ma

By Jillian A. Berry
SENIOR EDITOR

In 2002, Ben Mezrich released Bringing Down the House, the story of how a group of MIT students counted cards to win millions playing blackjack. Later this month, 21, the movie based on the book, will be released. Recently, The Tech sat down with Mezrich and Jeffrey Ma '94, who is the real life basis for Ben Campbell in the film. Below is an excerpt from the conversation.

The Tech: Did you ever think the book was going to be this successful?

Ben Mezrich: I would definitely say no. When I handed this book in it was like a 12,000 first printing; it was this little book. Cards weren't really on TV yet and people said, "No one's going to read a book about cards," ... And then the book took off. And then this is on a whole other level now with the movie and everything. It's pretty crazy.

Jeff Ma: Yeah, I would say that I had no idea it was going to do so well. When Ben and I actually talked about it he said, "Oh, it'll kind of be an interesting book."

BM: Then about two months before the book came out I was sitting at home, and I had written an article for Wired magazine, and the phone rang and it was a guy named Dana Brunetti, who said, "I have Kevin Spacey on the line, he wants to talk to you." And I said "No you don't really," and he said, "Yeah, I do." So I took his phone number and I hung up on him and I called my mom, and I said, "Kevin Spacey's trying to call me." And she said, "No, it's MIT kids prank calling." I Googled the name Dana Brunetti and it turned out he really did work with Kevin Spacey and actually they found me by Googling me after reading my article in Wired. And Kevin said, "I want to make this into a movie." That was sort of the first inkling I got that we were on to something that was kind of cool. And then I got The Today Show [where] you're on for 5 minutes [but] after that it just went crazy.

TT: Jeff, how much of the book is true to your story?

JM: I always tell people about 75 percent because the reality is Ben and I sat down for three weeks everyday for about two or three hours and I told him every story I remembered from the times in Vegas. He took that and turned it into a book ... so there are little things that he did take some liberties with. But in general, the spirit of it is dead on ... I bet you wouldn't actually be able to guess what didn't happen and what did happen because the truth is that whole cliché: the truth is stranger than fiction.

BM: The other thing is that the MIT Blackjack team has been in existence for 25 years. There's a lot in the book that's true that didn't necessarily happen to Jeff. So I would say more like 90% of the book is true to the stories of the MIT Blackjack team.

JM: I don't know, you wrote it. I only lived

it; you wrote it.

BM: The idea was to compress a time period into sort of a readable narrative thriller, and was also to compress certain characters to protect them — at the time, none of these guys wanted anybody to know who they were.

TT: Ben, if Jeff was so intent on keeping his anonymity, how did you find out about him?

BM: I was at a party [with] the Jill character in the book, who is played by Kate Bosworth in the movie, [who] unbeknownst to me played on the MIT Blackjack team — she was actually a Harvard girl ... She invited me to a party and said you got to meet this guy Jeff. I met Jeff and he basically had these great stories, and as a writer you hear that a lot. But Jeff immediately started telling me stories, and he had all this money in hundred dollar bills and you never see hundred dollar bills in Boston, ever. I mean, when was the last time you saw a hundred dollar bill?

JM: When I open my wallet [laughs].

BM: Why would he have hundred dollar bills if this stuff isn't real? I actually ended up going to Vegas with him and I saw the whole thing in action. It was spectacular ... Then we just started sitting down and talking about it.

JM: My recollection was a little bit different in that I think that I thought this would be a great story and wanted Ben to write it and Ben was like whatever ... But then when I took him to Vegas it all kind of changed.

BM: Yeah, when I saw Jeff in Vegas — 'cause in Boston I always like to call him the geeky MIT kid, [but] in Vegas they're like rock stars. It was really amazing to see that kind of transformation. That's what really turned me on to this story.

TT: How did you both feel about the movie?

BM: I really enjoyed it and I think when people see it it captures such a feel from the book. And obviously it goes off and it's more Hollywood. You've got Laurence Fishburne in it, and Kate Bosworth and it's not a group of MIT guys, but I think they did a really good job.

JM: Yeah, I think the movie's awesome. I think what it does is it really captures the sort of spirit of what we did and the way we felt. I think you leave the movie thinking, "Yeah, we beat Vegas and we can beat Vegas." Everyone loves that story.

TT: Do you think the movie's going to spark a big blackjack trend, or do you think Laurence Fishburne's character is going to scare people away?

BM: I actually think it's going to spark a lot more college kids doing it. I've got letters from people already, just from the book, who wanted to put teams together. So I have a feeling there will be — you know what, it's much harder than it looks, most of the teams that try it will probably fail — but I bet there will be people doing it.



PETER IOVINO—COLUMBIA PICTURES

Jeffrey Ma '94 is the real-life basis for the character Ben Campbell (Jim Sturgess), pictured here, in the upcoming movie 21 about the MIT blackjack team. 21 is based on the book Bringing Down the House by Ben Mezrich.

JM: I think it can be done really well still, on a small scale. But on the scale we were doing it at, I don't think it can really be done. You just need to bet so much money and they immediately notice you. Things have changed a lot. But I do think people will watch this and want to try it. I think it will spur a big interest in blackjack again which will be cool because poker has definitely become the more dominant Vegas thing.

TT: How long did it take you to master the art of card counting?

JM: I'd say like 6 months.

TT: Was Kevin Spacey's character as con-niving in real life as he was in the movie?

JM: No. I mean, I don't think so. He's a composite of a couple people, but the actual people that were involved that he was sort of based on were sort of more like the Kevin Spacey at the beginning of the movie, and less like the Kevin that sort of turns on [Ben Campbell]. You definitely see some bits of him. All the characters in the movie you see little bits of the actual person, and it's kind of eerie when you do.

TT: Jeff, how did you get into the whole blackjack thing? Were you approached by a professor, or another student, like in movie?

JM: Actually, for me it was my friends, to be honest. You know how the whole MIT [blackjack team] is around, it's like a legend and you kind of hear about it. And it was friends of friends of friends that were doing it first, then it became friends of friends, then friends, then actually my roommates were doing it. They were leaving every weekend and I was like, "Where the heck are you guys going?" And they were like, "We go to Vegas every weekend." And I joked,

"Can I just go and hang out? 'Cause that sounds like fun." They're like, "You can if you learn this system." I felt weird about it because it seemed like a weird thing to do at first. You know the whole scene where Ben Campbell's like, "No, I'm not interested"? That really happened. I was like, "No, this isn't for me." The idea of being a professional gambler just didn't seem right.

TT: How did your parents feel about finding out about all of this?

JM: They're having so much fun with it now. They really are. It took them a while to get used to the idea.

BM: I remember when I sat down with Jeff to write the book he hadn't really told his parents. And he's like, "Before the book comes out, can I show it to my parents?" And that's what he did. He let them read it.

JM: I actually tried to tell my parents the whole story, but it's really hard to tell someone the story unless they're there. It's kind of unbelievable.

TT: Were you upset that the main character wasn't Asian?

JM: I think that part of it is being overblown a little bit, just because the reality is that if you had a movie made about you, what would be the most important thing? It wouldn't necessarily be that it was incredibly accurate to life; It would be that it be a good movie. I wanted a great actor to portray me, and Jim [Sturgess] is an unbelievable actor.

Next week will feature my interview with Jim Sturgess, with the review of the movie following in the April 4 issue.

MOVIE REVIEW ★★½

Spices Alone Do Not A Curry Make

'Nina's Heavenly Delights' A Good But Undercooked Film

By Ron Rosenberg

Nina's Heavenly Delights
Directed by Pratibha Parmar
Written by Andrea Gibb
Starring Shelley Conn, Laura Fraser, and Veena Sood
Screened Wednesday, Feb. 8, 2008
MFA Boston's Gay & Lesbian Film Festival

The ingredients are more than tasty: exotic curries, a spicy relationship with a business partner or lesbian lover, a secret marriage, a generational culture-clash, and a televised cooking competition involving Indian family-owned curry restaurants, all set in Glasgow, Scotland. From this tantalizing stew comes "Nina's Heavenly Delights," a flavorful romantic comedy during the first half that soon stumbles and struggles and winds up undercooked.

Director Pratibha Parmar, making her feature film debut after a series of successful documentaries, and screenwriter Andrea Gibb, open the film with Nina Shah (Shelley Conn), a headstrong Scottish Asian woman returning to Glasgow for her father's funeral. She quickly discovers her beloved Dad's gambling debts have closed The New Taj, a premier Indian restaurant, where he was the owner-chef and two-time trophy winner of the Best of the West Curry Competition.

Nina, whose culinary skills were shaped by her father at an early age, decides to compete for a third trophy to both honor her father and save the restaurant. Helping her succeed is Glasgow native Lisa Mackinlay (Laura Fraser), an old school pal and busi-

ness partner. Their closeness in the kitchen heats up as a determined Nina unexpectedly falls in love with the charismatic woman and strives to keep it a secret.

Soon other family secrets are revealed, most notably her brother's clandestine marriage to a Scottish woman, which he has kept secret from his mother (Veena Sood). Mom, who earlier in the film upbraids her daughter for running away to London and refusing an arranged marriage with an equally distinguished curry-house rival named Sanjay (Raji James), barely blinks when her son finally reveals his secret wife.

Beyond the immediate family and lovers are the amusing and colorful "Chutney Queens," a quartet of gay dancers led by Nina's childhood chum Bobbi (Ronni Jhutti), a wannabe Bollywood drag queen. On the eve of the televised curry competition, the boys, along with Nina's family, are asked to taste and evaluate chicken shakuti (chicken in coconut gravy) and barley lamb chop curry that ends with everyone getting up from the table and line dancing around the table to "Daydream Believer."

For all its quiriness, "Nina's Heavenly Delights" is beautifully filmed and well-acted as it shows how a young woman balances her own identity while respecting the traditions of her ethnic family. But it struggles with a series of plot clichés, including the ghost of Nina's father offering encouragement and repetitious dialogue, like "Taste it in your heart ... always follow your heart."

Alas, the movie's mix of tragedy, laughter, and love is like a promising stew that needed more fire than exotic ingredients to become a truly memorable film.

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★★★★½
-John Anderson, NEWSDAY

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-NEW YORK MAGAZINE

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(clockwise from left)

Olivia (Hanna S. Kuznetsov '09) declares her undying love for Viola (Nori Pritchard '06).

Maria (Rachel Nagin) berates Malvolio (Sabrina M. Neuman '09) over acting crazy toward Olivia.

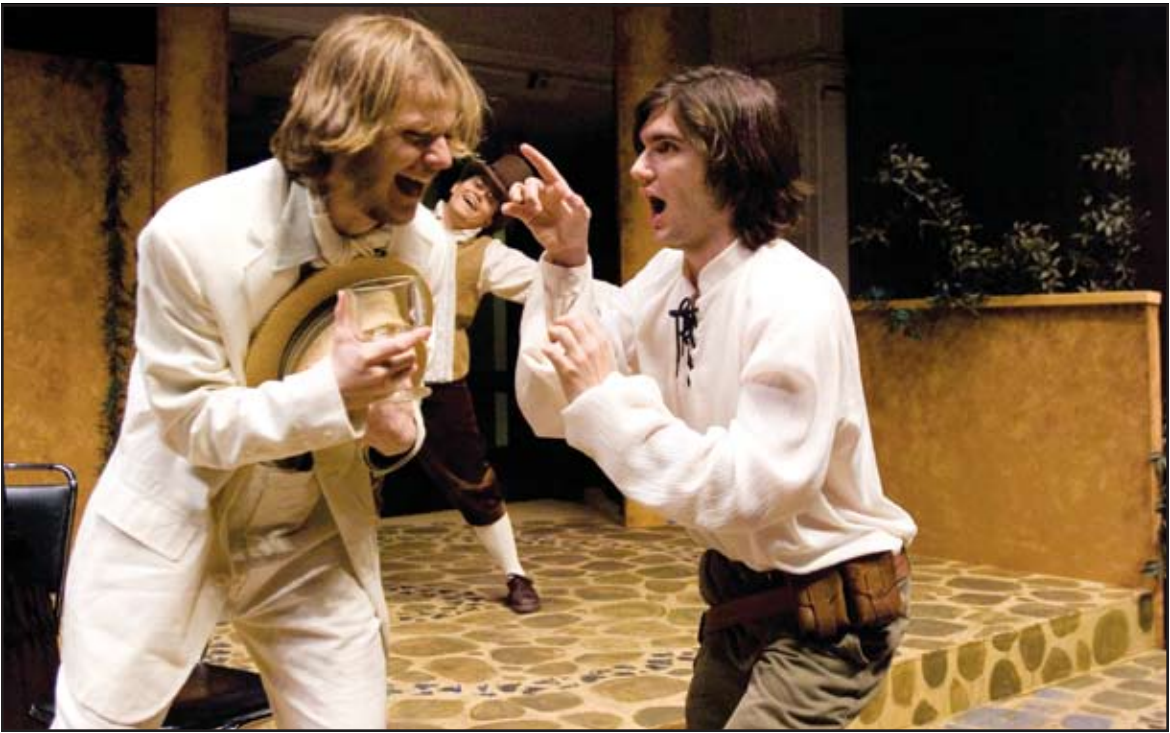
Sir Toby (Christopher Stephenson '09) holds down Sebastian (Sara E. Ferry '11), thinking he is Viola.

Nathaniel R. Twarog G (Feste) plays the mandolin.

The captain (Heather McDonald '11) helps Viola (Nori Pritchard '06) catch her breath.

Sir Toby (Christopher Stephenson '09) and Feste (Nathaniel R. Twarog G) have a drunken conversation as Sir Aguecheeke (Olivia Leitermann G) dances in the background.

Photography by Andrea Robles



Shakespeare Ensemble Presents 'Twelfth Night'

VALÈRE NOVARINA AT MIT

THE SPECTACLE OF THE ACTOR AT WORK: AN EVENING OF LIVE THEATER

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PRE-RELEASE SCREENING:
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FILM SCREENING:
MONDAY, MARCH 17, 7 P.M. ROOM 32-155 (STATA BUILDING)

WHAT CANNOT BE SPOKEN IS WHAT MUST BE SAID (CE DONT ON NE PEUT PARLER, C'EST CELA QU'IL FAUT DIRE, 2002, 60 MIN.)
A WONDERFUL DOCUMENTARY IN FRENCH, GERMAN AND YIDDISH (WITH ENGLISH SUBTITLES) THAT DEALS WITH VALÈRE NOVARINA'S APPROACH TO PERFORMANCE, LANGUAGE, AND THE VISUAL ARTS. IT FEATURES FOOTAGE OF REHEARSALS FOR NOVARINA'S PLAY *L'ORIGINE ROUGE* AND OF THE FRENCHPLAYWRIGHT'S INTERACTIONS WITH OTHER EUROPEAN ARTISTS AND INTELLECTUALS. DIRECTED BY RAPHAËL O'BYRNE.

VALÈRE NOVARINA WILL INTRODUCE THE FILM AND RESPOND TO QUESTIONS AFTERWARD.

LIVE STAGE PERFORMANCE IN ENGLISH AND FRENCH:
TUESDAY, MARCH 18, 7:30 P.M. KILLIAN HALL (14W-111)

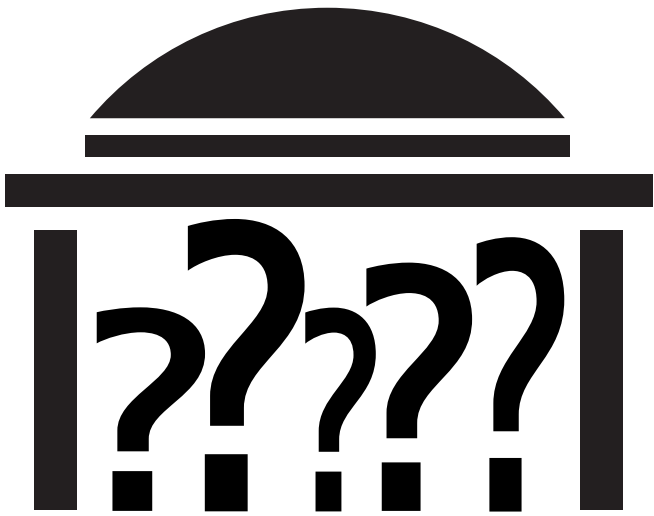
A ONE-HOUR PROGRAM, IN FRENCH AND IN ENGLISH, THAT WILL INCLUDE EXCERPTS FROM NOVARINA'S THEATER PIECES PERFORMED BY NOVARINA HIMSELF AND BY THE ACCLAIMED FRENCH ACTOR DOMINIQUE PINON (*DELICATESSEN*, *AMÉLIE POULAIN*, *ROMAN DE GARE*); AND A FULL PERFORMANCE OF NOVARINA'S *ADRAMELECH*'S *MONOLOGUE*, PERFORMED BY THE LOS ANGELES-BASED ACTOR HILARIO SAAVEDRA IN AN ENGLISH TRANSLATION BY THE POET GUY BENNETT.

FOLLOWED BY Q&A AND LIGHT REFRESHMENTS.




DOMINIQUE PINON DEFIES GRAVITY IN A PERFORMANCE OF NOVARINA'S *L'ORIGINE ROUGE* (2002)

THESE EVENTS ARE SPONSORED BY THE MIT FOREIGN LANGUAGES AND LITERATURES SECTION AND THE MIT CONTEMPORARY FRENCH STUDIES FUND, WITH THE COOPERATION OF THE FRENCH CULTURAL SERVICES OF BOSTON, MASSACHUSETTS.



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Endowment, Tuition, Financial Aid All Increase, MIT Says to Senate

Senate, from Page 1

ing costs of tuition and the rising value of university endowments.

The Senate request placed a heavy emphasis on tuition costs, and MIT's response to the Senate came about a week before its announcement that students whose families make less than \$75,000 will pay no tuition. But Kirk D. Kolenbrander, secretary of the MIT Corporation, said the timing was coincidental. The Corporation usually announces the next year's tuition in March, and the Senate's letter came with a similarly timed response deadline.

Kolenbrander says he doesn't know how or when the Senate will react to MIT's responses.

Senator John F. Kerry, D-Mass., who serves on the Finance Committee, said in January that the request was meant to help his committee

decide what to do next.

"In an era of soaring tuition costs and shrinking middle class incomes, we need more and more efforts to expand tuition assistance programs for families and students and help open the doors of college to a new generation. This initiative will help us better understand how endowments work and the role they play in making college education more affordable for everyone," said Kerry spokeswoman Brigid O'Rourke in an e-mail on Jan. 29.

Kolenbrander said he thinks the Senate will respond to the sum of the reports from all the universities who have responded. He said that the inquiry will help educate the public about how universities manage their endowments.

"It's great being able to share with the public and articulate how these complex institutions work," he said.

Students, Faculty Can Access Old UROP Info Using New Web System

UROP, from Page 1

ments in February.

Students may find that the new system gives them more breathing room. Although online proposals are due at the same time as paper applications, an online proposal need not receive faculty and coordinator approval before the deadline. Martin-Greene said that this may lead to changes in deadlines for future semesters.

Using the online system, departments can access information about their department's UROPs instead of having to obtain it from Office of Undergraduate Advising and Academic Programming or set up their own database systems.

Students will be able to see historical information like their past project titles and whether old proj-

ects were for credit or pay. Professors and UROP coordinators will be able to see this information for all their students.

Old UROP proposals are not available in the new system, but proposals submitted online will be accessible in the future.

Students and faculty can also complete UROP evaluations on the site.

The system is currently accessible online to MIT certificate holders at <https://sisapp.mit.edu/uropweb/home.mit>.

The system was designed by Information Services & Technology in collaboration with the UAAP. The departments currently using the system include Course I, II, V, VI, VII, VIII, XI, XV, XVII, XVIII, XX, CSAIL, HST, ISN, LFEE, LIDS, LNS, MAS, MKI, MTL, PSFC, and RLE.

Weizenbaum Applied His Intelligence Research to First Chatterbot, ELIZA

Weizenbaum, from Page 1

SLIP and the natural language understanding program ELIZA, which was an important development in artificial intelligence and cemented his role in the folklore of computer science research.

Named for the heroine of *My Fair Lady*, ELIZA was perhaps the first instance of what today is known as a chatterbot program. Specifically, the ELIZA program simulated a conversation between a patient and a psychotherapist by using a person's responses to shape the computer's replies. Weizenbaum was shocked to discover that many users were taking his program seriously and were opening their hearts to it. The experience prompted him to think philosophically about the implications of artificial intelligence, and, later, to become a critic of it.

In 1976, he authored *Computer Power and Human Reason: From Judgment to Calculation*, in which he displayed ambivalence toward computer technology and warned against giving machines the responsibility for making genuinely human choices. Specifically, Weizenbaum argued that it was not just wrong but dangerous and, in some cases, immoral to assume that computers would be able to

do anything given enough processing power and clever programming.

"No other organism, and certainly no computer, can be made to confront genuine human problems in human terms," he wrote.

"*Computer Power and Human Reason* raised questions about the role of artificial intelligence, and spurred debate about the role of computer system reliance on them example of how man relies on technology in order to escape the burden of acting as an independent agent," Weizenbaum told the journal. "It helps him avoid the task of giving meaning to his life, of deciding and pursuing what is truly valuable."

Weizenbaum joined MIT in 1963 as a visiting associate professor of computer science. Within four years, he had been awarded tenure in the Department of Electrical Engineering. He later held academic appointments at Harvard University, at the Harvard Graduate School of Education, Stanford University, the Technical University of Berlin and the University of Hamburg in Germany. He was a fellow of the American Association for the Advancement of Science, a member of the New York Academy of Science and of the European Academy of Science.

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Fractions Troublesome for U.S. Students, Federal Panel Finds

Math Education, from Page 1

curriculums should be streamlined and put focused attention on skills like the handling of whole numbers and fractions and certain aspects of geometry and measurement. It contains specific goals for students in different grades. For example, it said that by the end of the third grade, students should be proficient in adding and subtracting whole numbers; two years later, they should be proficient in multiplying and dividing them. By the end of sixth grade, the report said, students should have mastered the multiplication and division of fractions and decimals.

The report tries to put to rest the long, heated debate over math teaching methods. Parents and teachers have fought passionately in school districts around the country over the relative merits of traditional, or teacher-directed, instruction, in which students are told how to do problems and then drilled on them, versus reform or child-centered instruction, emphasizing student exploration and conceptual understanding. It said both methods had a role.

"There is no basis in research for favoring teacher-based or student-centered instruction," said Dr. Larry R. Faulkner, the chairman of the panel, at a briefing on Wednesday. "People may retain their strongly held philosophical inclinations, but the research does not show that either is better than the other."

The report found that, "To prepare students for algebra, the curriculum must simultaneously develop conceptual understanding, computational fluency and problem-solving skills." Further, it said: "Debates regarding the relative importance of these aspects of math-

ematical knowledge are misguided. These capabilities are mutually supportive."

The president convened the panel to advise on how to improve math education. Its members include math and psychology professors from leading universities, a middle-school math teacher and the president of the National Council of Teachers of Mathematics.

Closely tracking an influential 2006 report by the National Council of Teachers of Mathematics, the panel recommended that math curriculum should include fewer topics, spending enough time to make sure each is learned in enough depth that it need not be revisited in later grades. That is the approach used in most top-performing nations, and since the 2006 report, many states have been revising their standards to cover fewer topics in greater depth.

The report calls for more research on successful math teaching, and recommends that the secretary of education convene an annual forum of leaders of the national associations concerned with math to develop an agenda for improving math instruction.

Spellings said Thursday that she would convene such a meeting. She emphasized the importance of math education for all children and said the report underlined the need for parents to teach even young children about numbers and measurements.

Spellings said she hoped the report would help persuade Congress to approve the president's fiscal 2009 budget request for almost \$100 million for Math Now, an instructional program proposed last year and not financed.

The report cited a number of troubling international comparisons, including a 2007 assessment finding that 15-year-olds in the United States ranked 25th among their peers in 30 developed nations in math literacy and problem solving.

Fractions are especially trouble-

some for Americans, the report found. It pointed to the National Assessment of Educational Progress, standardized exams known as the nation's report card, which found that almost half the eighth graders tested could not solve a word problem that required dividing fractions.

Panel members said the failure to master fractions was for American students the greatest obstacle to learning algebra. Just as "plastics" was the catchword in the 1967 movie "The Graduate," the catchword for math teachers today should be "fractions," said Francis Fennell, president of the National Council of Teachers of Mathematics.

After hearing testimony and comments from hundreds of organizations and individuals, and sifting through a broad array of 16,000 research publications, the panelists shaped their report around recent research on how children learn.

For example, the report found it is important for students to master their basic math facts well enough that their recall becomes automatic, stored in their long-term memory, leaving room in their working memory to take in new math processes.

"For all content areas, practice allows students to achieve automaticity of basic skills — the fast, accurate, and effortless processing of content information — which frees up working memory for more complex aspects of problem solving," the report said.

Faulkner, a former president of the University of Texas at Austin, said the panel "buys the notion from cognitive science that kids have to know the facts."

The report also cited recent findings that students who depend on their native intelligence learn less than those who believe that success depends on how hard they work.

Faulkner said the current "talent-driven approach to math, that either you can do it or you can't, like playing the violin" needed to be changed.

Spring 2008 Wulff Lecture

Tuesday, March 18, 2008
4:30–5:30pm
Room 6-120
Reception to follow in Chipman Room, 6-104.

Scratching below the Surface: Material Metastability Enables Engineering Solutions

Prof. Krystyn J. Van Vliet


Thomas Lord Assistant Professor
Department of Materials Science and Engineering, MIT

Coupling between the chemical and mechanical states of materials enables applications such as actuators and transducers, defines the environmental susceptibility of mechanical stiffness and strength, and facilitates all biological processes in cells including adhesion to extracellular materials, migration, and differentiation. The Van Vliet Laboratory for Material Chemomechanics studies this chemomechanical coupling in a range of material systems including supersaturated metal alloys, nanoscale amorphous oxides, synthetic polymer thin films, and living mammalian cells and microbes. Prof. Van Vliet will discuss recent progress in the nanoscale experiments and computational simulation of three such material systems, and share what her group has learned about the challenges of modeling and understanding material behavior at surfaces and interfaces that are far from equilibrium.

The Wulff Lecture is an introductory, general-audience, entertaining lecture which serves to educate, inspire, and encourage MIT undergraduates to take up study in the field of materials science and engineering and related fields. The entire MIT community is invited to attend. The Wulff Lecture honors the late Professor John Wulff, a skilled, provocative, and entertaining teacher who inaugurated a new approach to teaching the popular freshman subject: 3.091 Introduction to Solid State Chemistry.

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Women Dominate in B Division Sparring, Sweep Top 3 Places

Taekwondo, from Page 16

tors John Sebastian Pineda '10 and JiHye Ham '08 took a gold and silver medal respectively in the men's and women's D-Team competitions.

The tournament ended with the intermediate (B-Team) division, which provided a satisfying conclusion for MIT with the women's B1 (Ha, Hui, and Chiang), B2 (Ranbel F. Sun '10, Han Zhu '09, and Markham), and B3 (Jaclyn J. Ho '09, Stephanie E. Nix '09, and Christine Chin '09) sweeping first, second and third place for the second consecutive tournament.

For the third tournament this year, MIT's men's A1 team (Wu, and co-captains Christopher J. Han '09 and Jaroslaw Labaziewicz G) also served as the men's B1 team. Fighting through a long and arduous day of competition, they took a bronze medal in the B-Team contest.

MIT finished the tournament with 378 points to Cornell's 657, retaining second place in the league among twenty schools after three tournaments this season. The club is now preparing for the next INCTL tournament at the University of Pennsylvania on April 5.

Pilgrim League Names Geesman, Silverman to Scholar All-Star Team

Wrestling, from Page 16

After losing his first match by a 6-2 score, Geesman won his next five matches, the clincher being a take-down of York's Luke Panizzi at the 2:27 mark.

Geesman earned a berth to the nationwide tourney after posting a 6-1 record, including five pins, to win the New England College Conference Wrestling Association heavyweight championship on Feb. 23-24.

Geesman finished the season with a 32-5 ledger, including 21 pins to

lead the competitive Pilgrim League. The star also ranked second overall in the league in his weight class, while standing in the top three in the country in pins in all divisions. For his outstanding efforts, Geesman earned Pilgrim League All-Star Honorable Mention honors. He was also named to the Pilgrim League 2008 Scholar-Athlete All-Star Team along with teammate Joseph B. Silverman '10.

"The great news is Glenn will be back next season to accomplish his goal of becoming a national champion," Layte said.

SCOREBOARD

Men's Lacrosse		
Tuesday, March 11, 2008		
Salve Regina University (1-1)		4
MIT (1-1)		6

Women's Lacrosse		
Tuesday, March 11, 2008		
MIT (0-2)		6
Gordon College (2-0)		10

Men's Tennis		
Monday, March 10, 2008		
Gordon College (1-1)		0
MIT (6-1)		9

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The MIT Shakespeare Ensemble presents

TWELFTH NIGHT

March 13, 14, 15, &
20, 21, 22
8 PM

La Sala de
Puerto Rico



SPORTS

Taekwondo Finishes Second at NYU Amid Field of 370 Athletes

By Aaron Sampson
TEAM MEMBER

The MIT Sport Taekwondo Club took second place at a tournament held at New York University on Feb.

24, the largest tournament in the history of the Ivy Northeast Collegiate Taekwondo League. Of the twenty four colleges competing, only Cornell University surpassed the impressive score of MIT's team, coached by Master Daniel Chuang.

The competition began with forms, or poomsae, competition, in which competitors perform a choreographed sequence of kicks and hand techniques. Club President Corinna Hui '09 secured the team's first victory of the day with a gold medal in the women's red belt division.

MIT was dominant in blue belt forms, with Ning Wu G and Wenxian Hong '10 taking first place and third place respectively in the men's competition, and Elisabeth M. Markham '09 and Miranda J. Ha G doing the same on the women's side.

At the green belt level, Michael

Schneider G took first place among the men with his powerful hand techniques. Shammi S. Quddus '10 and Chensi Ouyang '08 earned first and third place among the women.

Andrew K. Sugaya '11 also earned second place in the very large white and yellow belt division.

The sparring competitions were highly competitive in the very large field, beginning with the advanced (A-Team) division. The women's A1 team (co-captain Karolina A. Corin G, Ha, Hui, and Stephanie R. Chiang '08) had a very impressive showing, fighting through close matches and sudden death overtimes all the way to the finals against Harvard University A1. The team took the silver medal.

In the beginner (C-Team) and first-timer (D-Team) competitions, some of MIT's newest team members had the opportunity to represent MIT in the ring. MIT's women's C2 team (Jing "Jenny" Cheng '11, ZheChen "Mary" Hong '10, and Ouyang) took third place after easily winning three matches, falling only to Cornell University C1. First time competi-

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UPCOMING HOME EVENTS

Saturday, March 15, 2008

Men's Volleyball vs. Rivier College
Men's Volleyball vs. Baruch College
Sailing, Central Series

11 a.m., Rockwell Cage
3 p.m., Rockwell Cage
All Day, Charles River



NOAH SPIES

Goalkeeper Garth S. Grove '10 makes a save in Tuesday's Men's Lacrosse match against Salve Regina University. MIT improved to 1-1 after edging Salve Regina 6-4 in the team's first ever meeting.

Geesman Named All-American at NCAA Division III Championships

By Mike Stoller
DAPER STAFF

By just qualifying for the Division III national wrestling tournament, MIT heavy-weight standout Glenn J. Geesman '09 had already accomplished the remarkable. But what the junior sensation achieved Friday night at the U.S. Cellular Center was beyond extraordinary. In the late evening hours, MIT's

most prolific muscleman was hailed as an NCAA All-American after pinning his opponent from York College in 2:27. Just before that match, Geesman soundly defeated his counterpart from the State University of New York at Oswego, 10-1.

"Personally, I am extremely proud of Glenn on his outstanding performance," said MIT head wrestling coach Tom Layte. "I am so impressed with how Glenn came back from his first round loss and won five straight

matches in dominating fashion. He was the talk of the tournament. All the coaches and fans were very impressed with Glenn's performance."

Geesman became MIT's first All-American in 24 years, as the Engineers closed the tournament ranked 15th as a team in the country, their best ever finish in NCAA history. Kenneth R. Shull '84 secured Tech's last All-American accolade in 1984.

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